

Patent Abstracts of Japan

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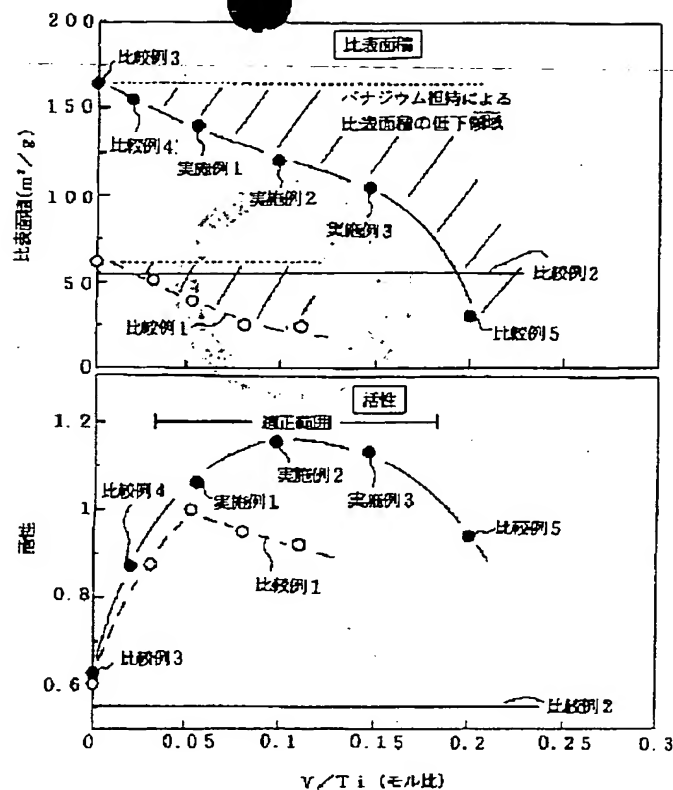
APPLICATION DATE : 24-10-94
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TITLE : CATALYST FOR REMOVING
 NITROGEN OXIDE USING CLAY
 MINERAL AND EXHAUST GAS
 TREATMENT METHOD



ABSTRACT : PURPOSE: To provide a catalyst with improved denitration activity and an exhaust gas denitration method with the use of the catalyst.

CONSTITUTION: V or Cu is supported in the pores of a clay mineral with TiO₂ pillars between layers (smectite type clay mineral such as montmorillonite, beidellite, and bentonite) in a specific composition ratio with TiO₂ (molar ratio M/Ti=0.03-0.18, M=V or Cu) to give a high NO_x removal ratio.

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